

TOOLS AND RESOURCES FOR PROJECT APPLICATIONS

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Maryland State Data Center
Annual Affiliates Meeting
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TOOLS AND RESOURCES

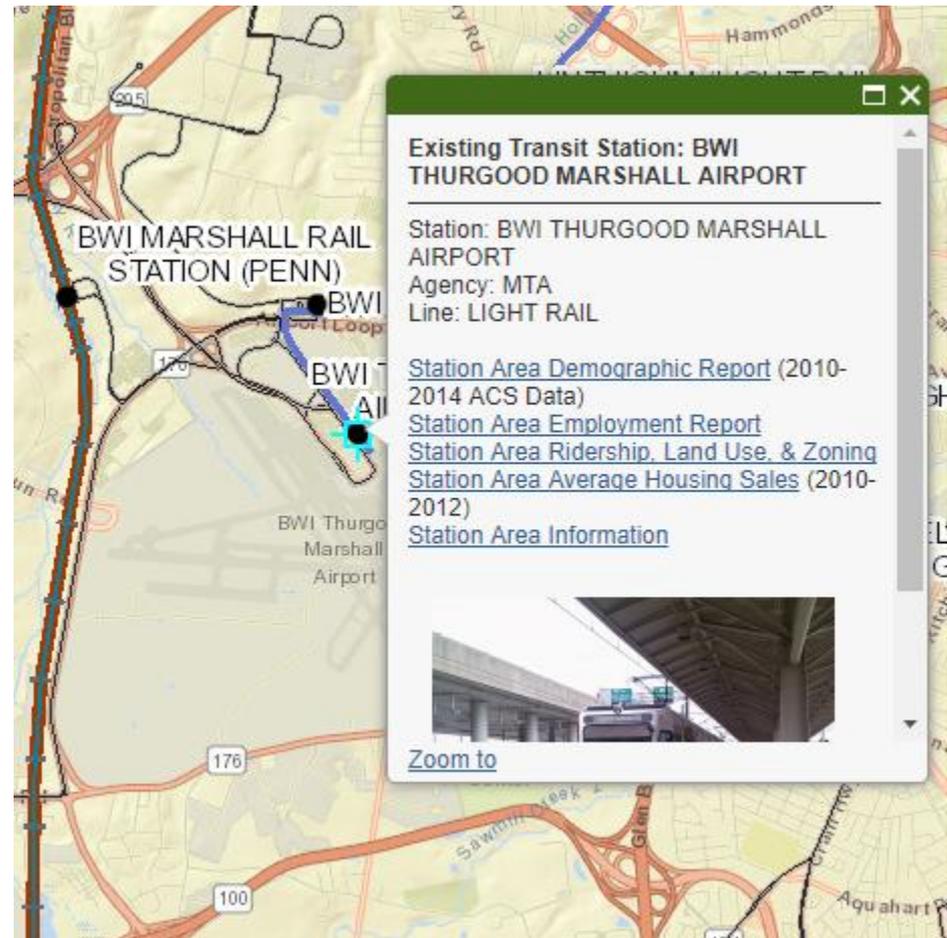
- Transit Station Area Profile Tool
- Calendar Year Residential Sale Data
- Interactive Census and American Community Survey (ACS) Map
- Work Area Profiles from Census Bureau's OnTheMap Tool

PART I: TRANSIT STATION AREA PROFILE TOOL



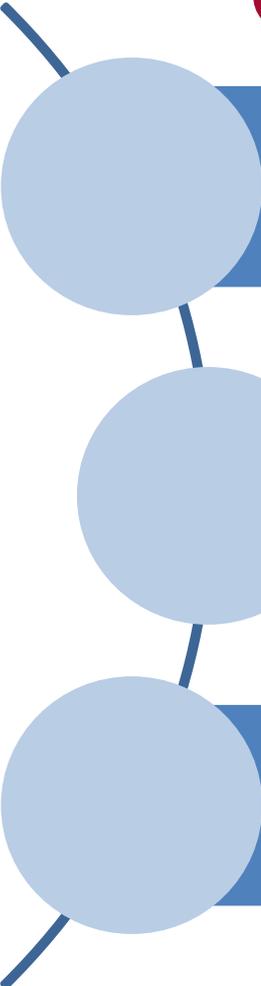
TRANSIT STATION AREA PROFILES

- Created through Maryland Department of Transportation (MDOT) grant
- Users download “Transit Area Profiles” for existing and planned transit stations
- Data updates to be initiated this year



<http://mdpgis.mdp.state.md.us/tod/index.html>

STATE DATA CENTER CONTRIBUTIONS AND SOURCES



Demographic Report

American Community Survey (ACS) Five-Year Data

Employment Report

Longitudinal Employer-Household Dynamics (LEHD) Program

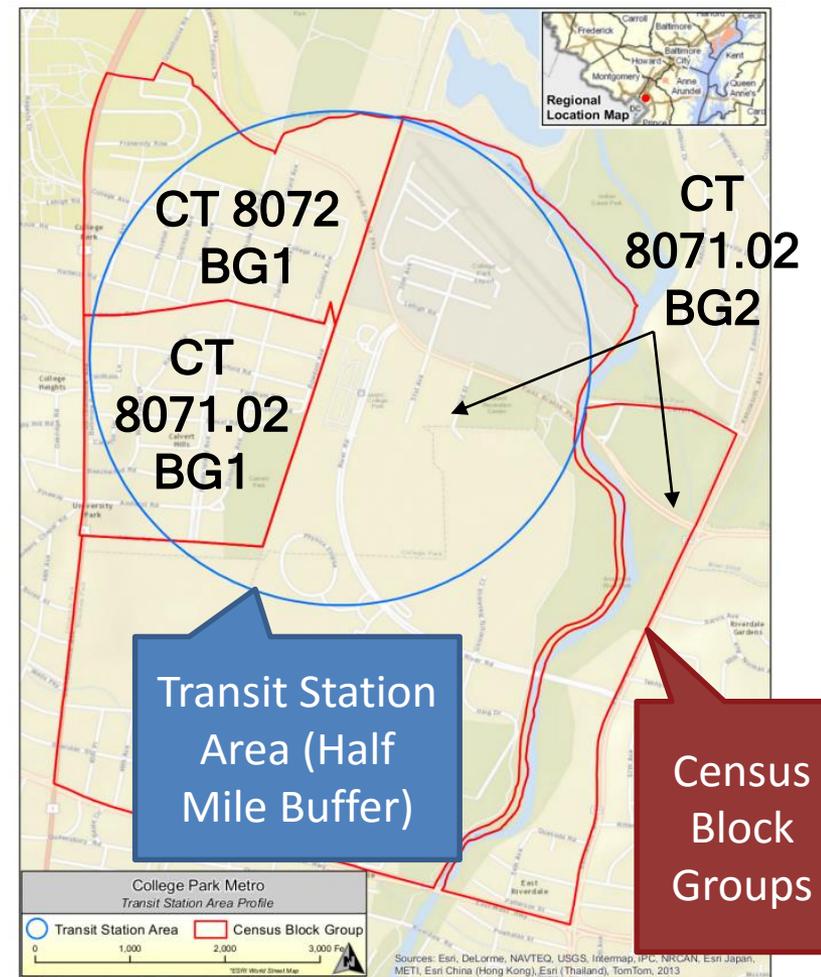
Station Area Housing Sales

Department of Assessments and Taxation & *MdProperty View*

DEMOGRAPHIC REPORT METHODOLOGY

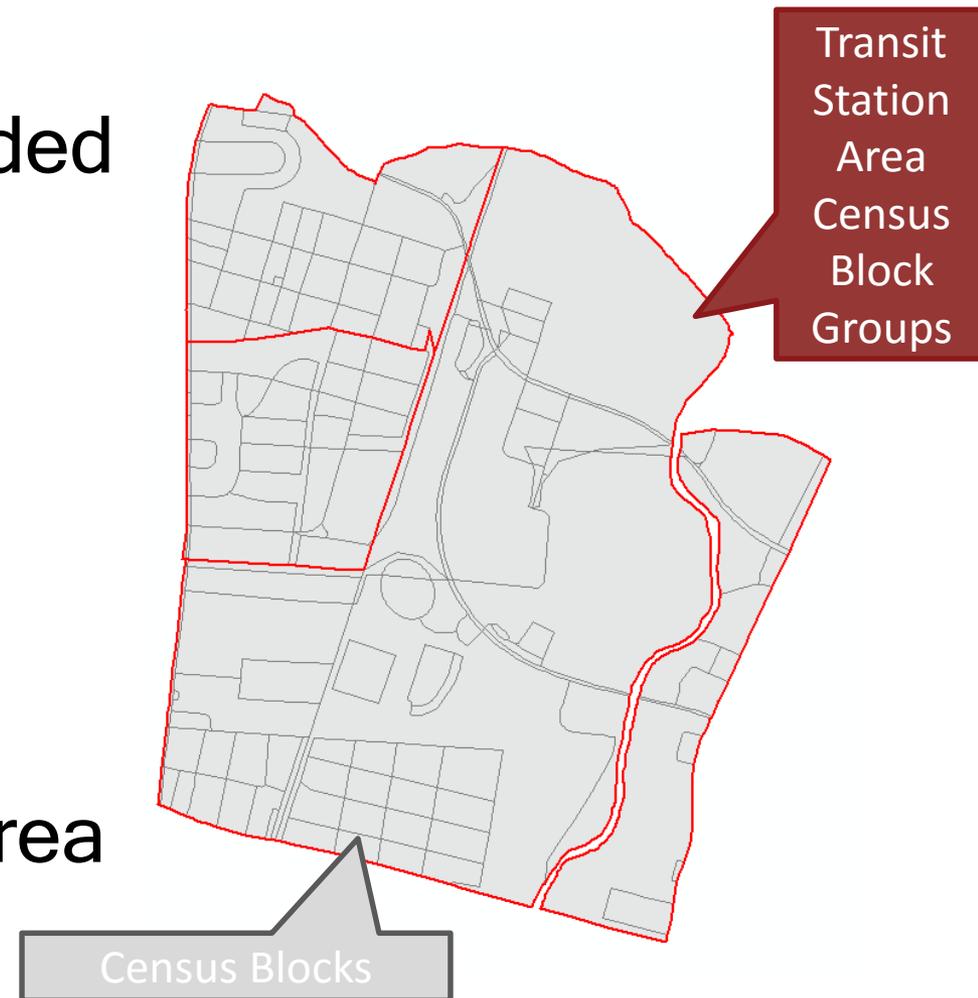
- Aggregate ACS estimates by Transit Station Area Block Groups

Census Tract (CT) and Block Group (BG)	Total Households (HH)	HH with No Vehicle Available	%
CT 8071.02, BG 1	437	32	7.3%
CT 8071.02, BG 2	357	11	3.1%
CT 8072, BG 1	407	49	12.0%
Combined	1,201	92	7.7%



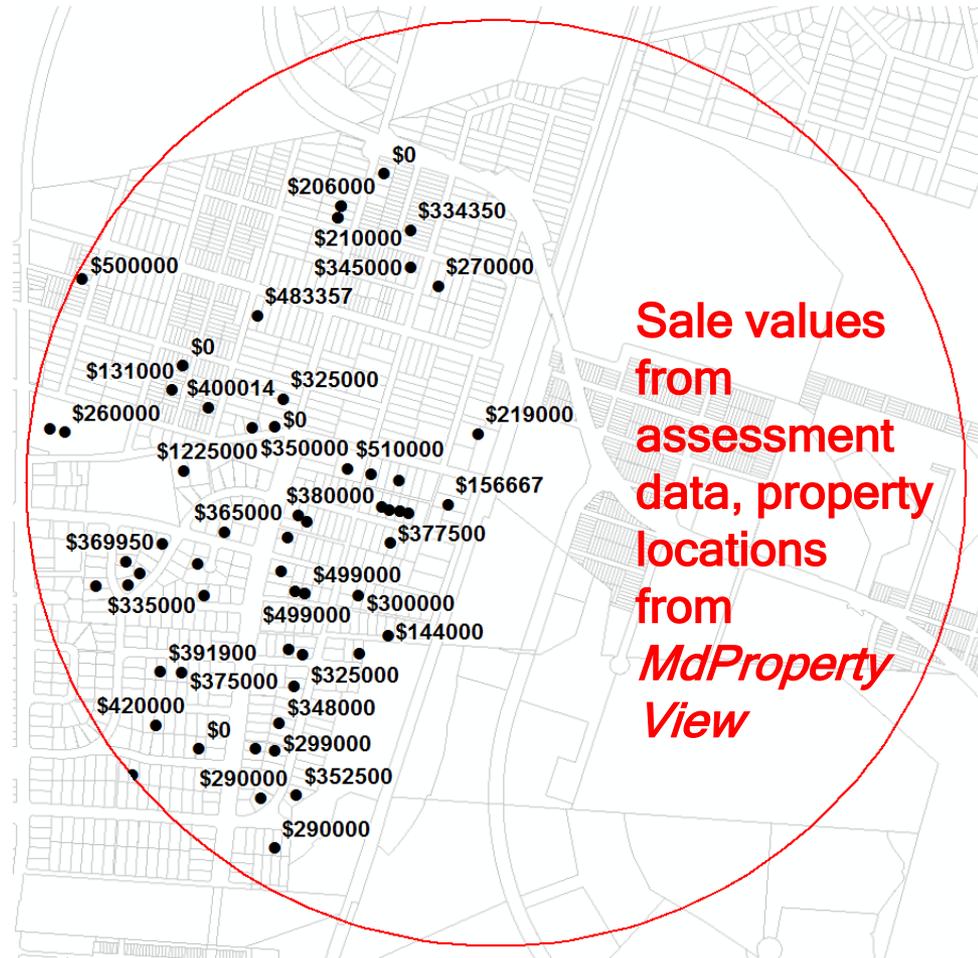
EMPLOYMENT REPORT METHODOLOGY

- Census block level employment data provided by LEHD program:
 - Total jobs
 - Jobs by:
 - Sector
 - Worker age
 - Earnings per month
- Aggregate for blocks within Transit Station Area block groups



STATION AREA HOUSING SALES METHODOLOGY

- Generate average sale values within Transit Station Area



PART II: CALENDAR YEAR RESIDENTIAL SALE DATA



RESIDENTIAL SALE DATA PRODUCTS

	<i>MdProperty View (MdPV)</i>	State Data Center Reports
Data format	GIS shapefiles (by jurisdiction)	Spreadsheets
Individual residential sale locations	✓	
Individual residential sale attributes	✓	
Statewide summary data (sale count & median/mean sale value)	✓ (by Census tract and housing unit type)	✓ (by county, zip code, housing unit type, in/out of Priority Funding Area)

Md Property View

- Download Link:
<http://planning.maryland.gov/OurProducts/downloadFiles.shtml>

Digital Parcel Mapping Files

▶ [More Information about Parcel Mapping](#)

Current User's Guide for *MdProperty View*, *FINDER* Quantum, *CAMA*, and *Sales*

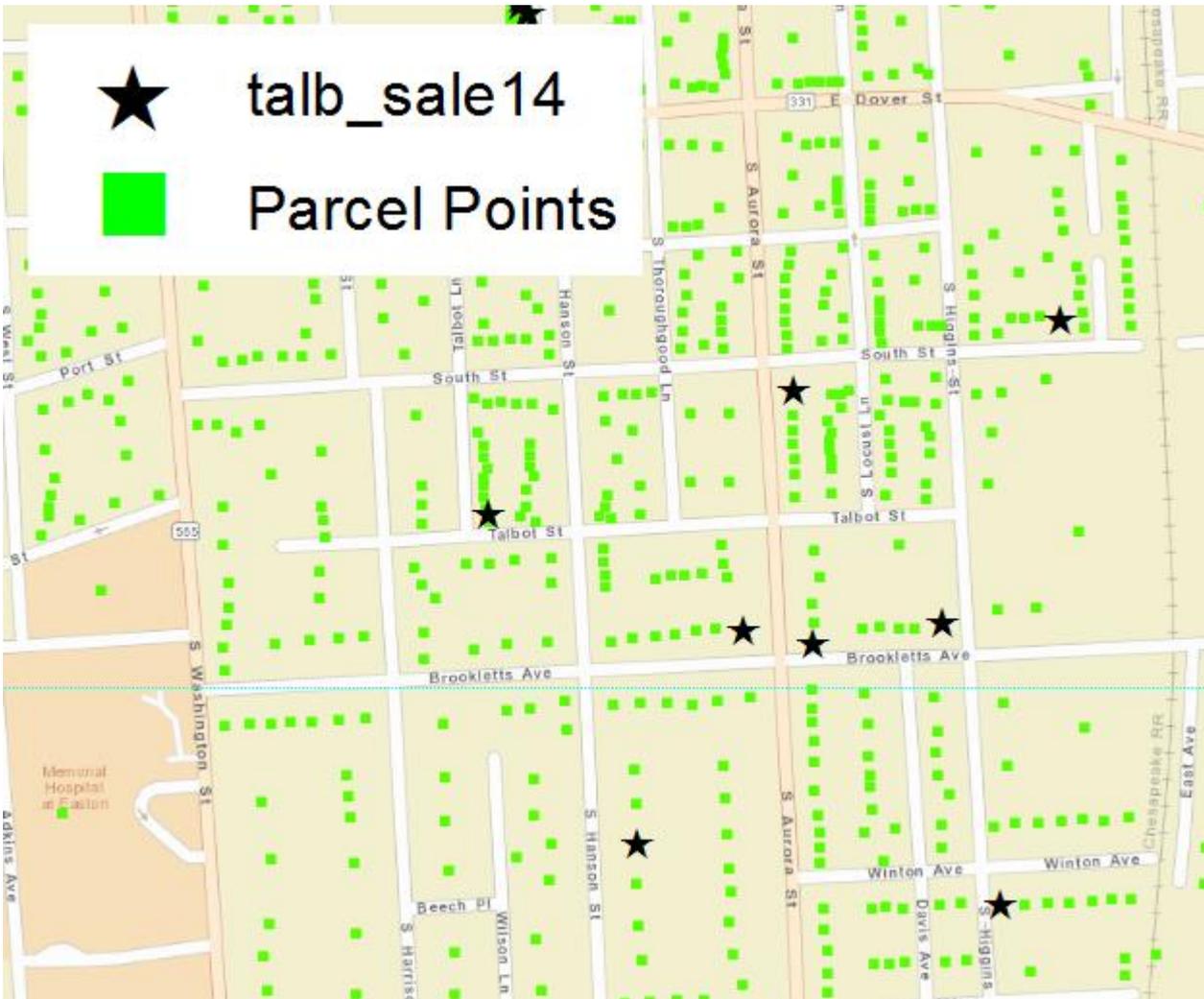
▶ [DATADOCS zipped file](#)

MdProperty View

[Allegany](#), [Anne Arundel](#), [Baltimore City](#), [Baltimore County](#), [Calvert](#), [Caroline](#), [Carroll](#), [Cecil](#), [Charles](#), [Dorchester](#), [Frederick](#), [Garrett](#), [Harford](#), [Howard](#), [Kent](#), [Montgomery](#), [Prince George's](#), [Queen Anne's](#), [Somerset](#), [St. Mary's](#), [Talbot](#), [Washington](#), [Wicomico](#), [Worcester](#)



Individual Residential Sales Shapefile



Identify □ ×

Identify from: < Top-most layer >

- talb_sale14
- Easton

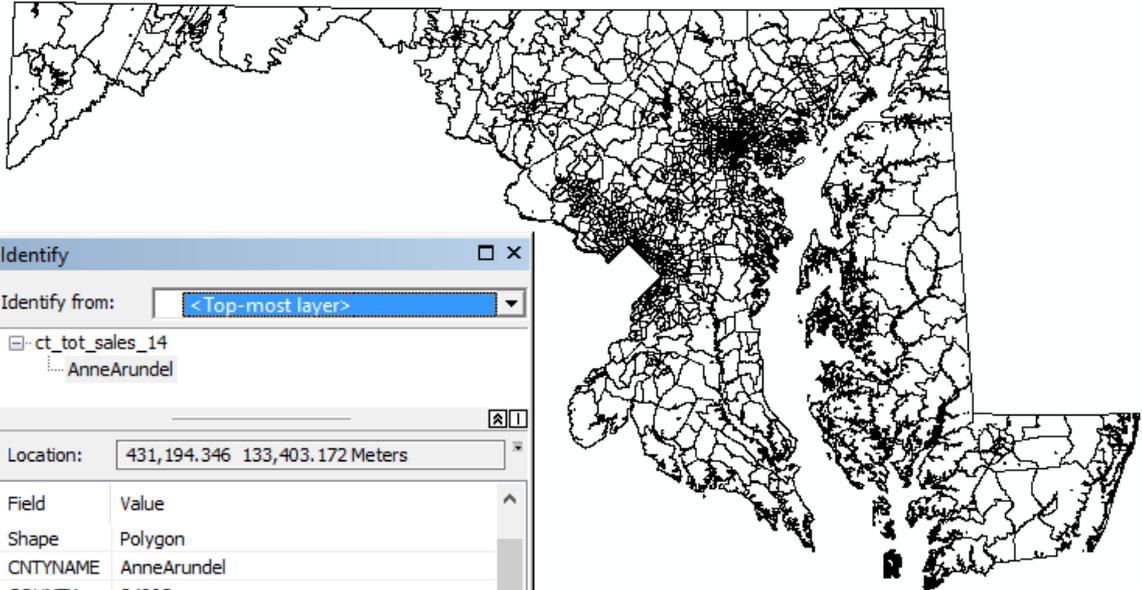
Location: 480,534.300 123,353.200 Meters

Field	Value
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Shape	Point
ACCTID	2101064738
HU	CON
TRADATE	20140923
CONSIDR1	180000
IMPVALUE	125100
YEARBLT	1985
COUNTY	24041
DESCRIPT	TALB Easton
ZIPCODE1	21601
ZIPCODE2	02404121601
ZIPNAME	Easton
CT2010	24041960400
BG2010	240419604002
PFA	inPFA

Identified 1 feature

Census Tract Summary Shapefiles:

- Total (All housing units)
- Single family detached
- Townhomes
- Condominiums



Identify

Identify from: <Top-most layer>

ct_tot_sales_14
AnneArundel

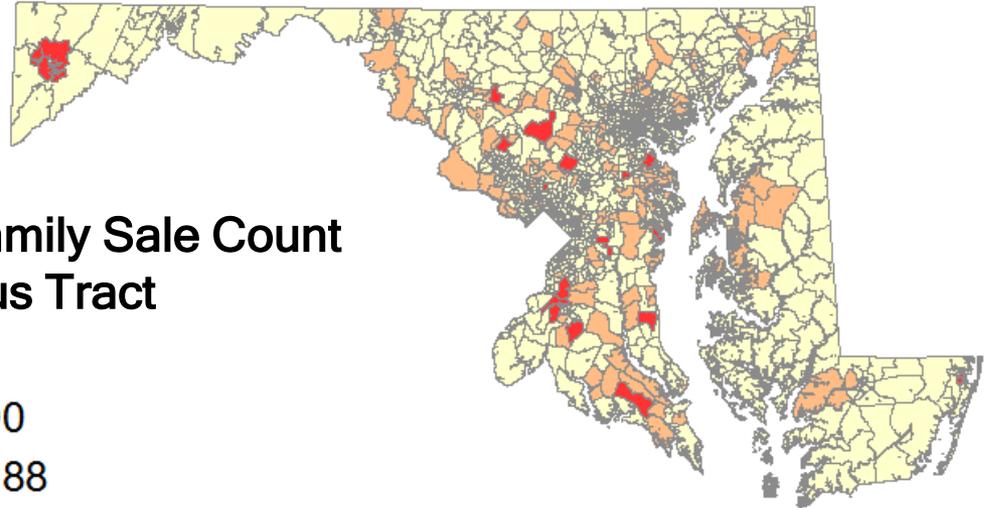
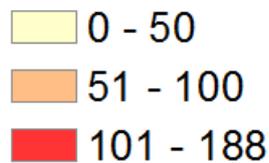
Location: 431,194.346 133,403.172 Meters

Field	Value
Shape	Polygon
CNTYNAME	AnneArundel
COUNTY	24003
CT2010	24003701300
HUTYPE	TOT
SALES2010	47
MED_2010	587500
MEAN_2010	621085
SALES2011	30
MED_2011	512500
MEAN_2011	550217
SALES2012	52
MED_2012	519000
MEAN_2012	577653
SALES2013	63
MED_2013	490000
MEAN_2013	501061
SALES2014	55
MED_2014	500000
MEAN_2014	564307

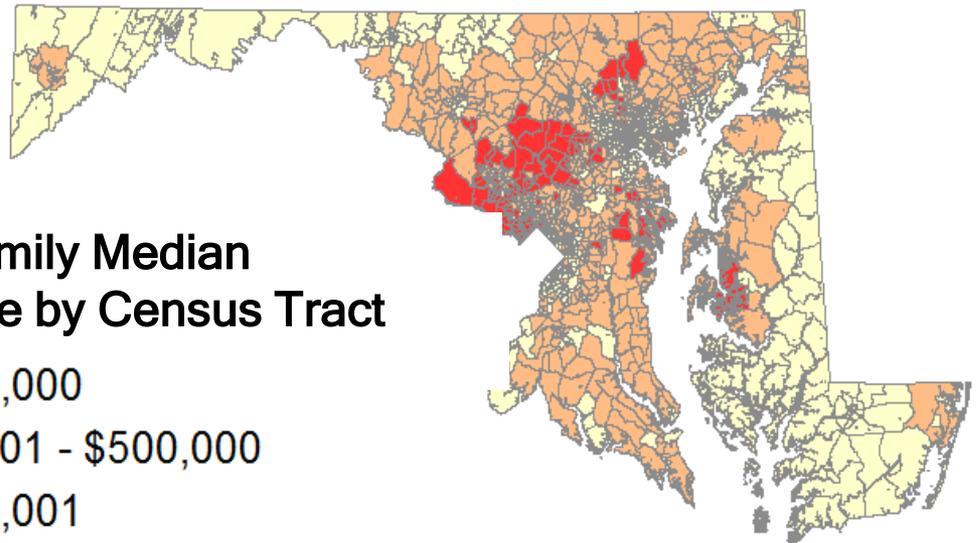
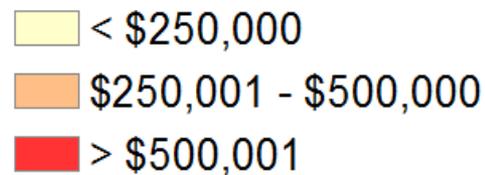
Identified 1 feature

Example Census Tract Summary Mapping

Single Family Sale Count By Census Tract



Single Family Median Sale Value by Census Tract



STATE DATA CENTER RESIDENTIAL SALE REPORTS

Summary
spreadsheets
by:

- County
- Zip code
- Housing unit type
- In/out of Priority Funding Area

Residential Sales Data

Housing Unit Sales and Pricing in Maryland, 2002 - 2015

Methodology: 2002 to 2004 , 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013 2014 and 2015

By County:

2015 ▾

By Zipcode

2015 ▾

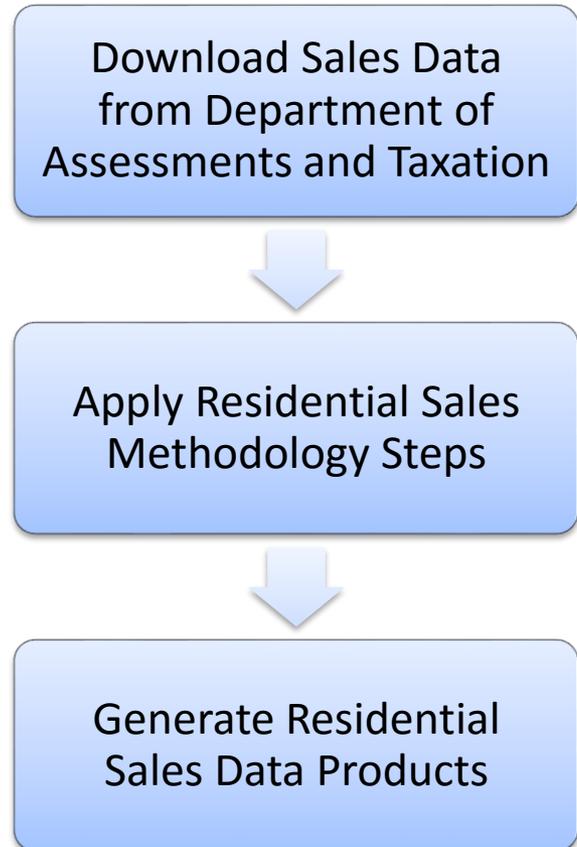
Residential Sale Data Summary Report 2002 to 2015

Total Sales by County ▾

- Total Sales by County
- Single-Family Sales by County
- Townhome Sales by County
- Condominium Sales by County
- 2015 Total Sales by House Types by Zip Code
- 2014 Total Sales by House Types by Zip Code
- 2013 Total Sales by House Types by Zip Code
- 2012 Total Sales by House Types by Zip Code
- 2011 Total Sales by House Types by Zip Code
- 2010 Total Sales by House Types by Zip Code
- 2009 Total Sales by House Types by Zip Code
- 2008 Total Sales by House Types by Zip Code
- 2007 Total Sales by House Types by Zip Code
- 2006 Total Sales by House Types by Zip Code
- 2005 Total Sales by House Types by Zip Code
- 2004 Total Sales by House Types by Zip Code
- 2003 Total Sales by House Types by Zip Code
- 2002 Total Sales by House Types by Zip Code

RESIDENTIAL SALES METHODOLOGY STEPS

- Datasets typically exclude:
 - Non-arms length transactions
 - Multiple-parcel transactions
 - Transactions where property improvement values <\$10,000
 - Non-residential land uses
 - Foreclosures
- See product documentation for additional information



PART III: INTERACTIVE CENSUS AND ACS MAP

MARYLAND
Census by Tract

▶ Census by Tract

Census 2010

The Census is a complete count of all persons living in the United States mandated by the U.S. Constitution. The population is counted every 10 years and the results are used to allocate Congressional seats, electoral votes, and government program funding. The most recent census was held in 2010.

The data collected on the short form survey are general demographic characteristics such as age, race, ethnicity, household relationship, housing vacancy, and tenure (owner/renter).

The units of geography used for the 2010 Census maps displayed here are the census tract - a small statistical area within a county which is delineated every 10 years prior to the decennial census.

For additional data, maps, and charts from the 2010 Census data, go the MD State Data Center's 2010 Census website at <http://www.census.gov>.

For additional census and other statistical related data please visit the MD State Data Center home page at <http://planning.maryland.gov/msdc>.

Census by ZCTA

ACS by Tract

ACS by ZCTA

+
-
🏠

INTERACTIVE MAP DATA

	2010 Census	2011-2015 ACS
Statistical Geographic Areas	<ul style="list-style-type: none"> • Census Tracts • Zip Code Tabulation Areas (ZCTAs) 	
Topics	Population counts and selected characteristics such as age, sex, and housing characteristics	Various demographic, economic, housing and social characteristics
Subject to Sampling Error?	No	Yes - Coefficients of Variation (CVs) provided to indicate data reliability and usability

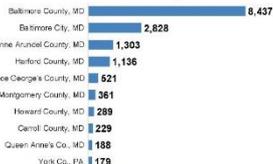
http://mdpgis.mdp.state.md.us/census_acs/index.html

PART IV: WORK AREA PROFILES FROM CENSUS BUREAU'S ONTHEMAP TOOL

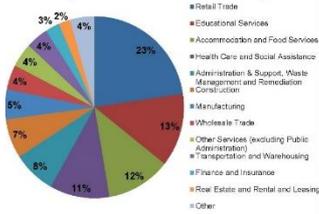


Work Area Profile for Dundalk/Edgemere

Where Workers Commute From who Work in Dundalk/Edgemere



Industry Sector for Jobs Located in Dundalk/Edgemere

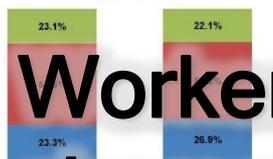


Worker Educational Attainment

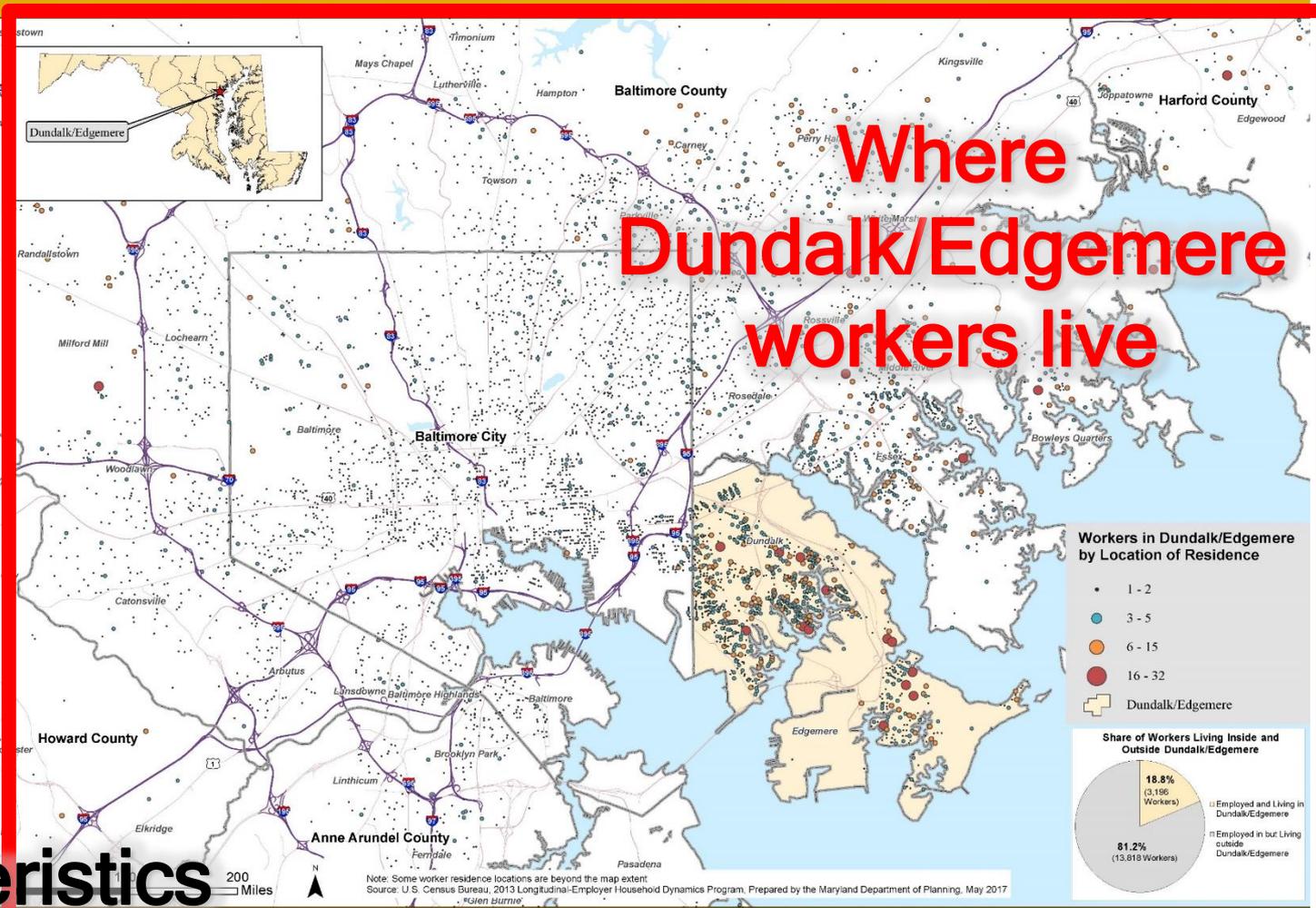


■ Educational attainment not available (workers aged 29 or younger)
■ Bachelor's degree or advanced degree
■ Some college or Associate degree
■ High school or equivalent, no college
■ Less than high school

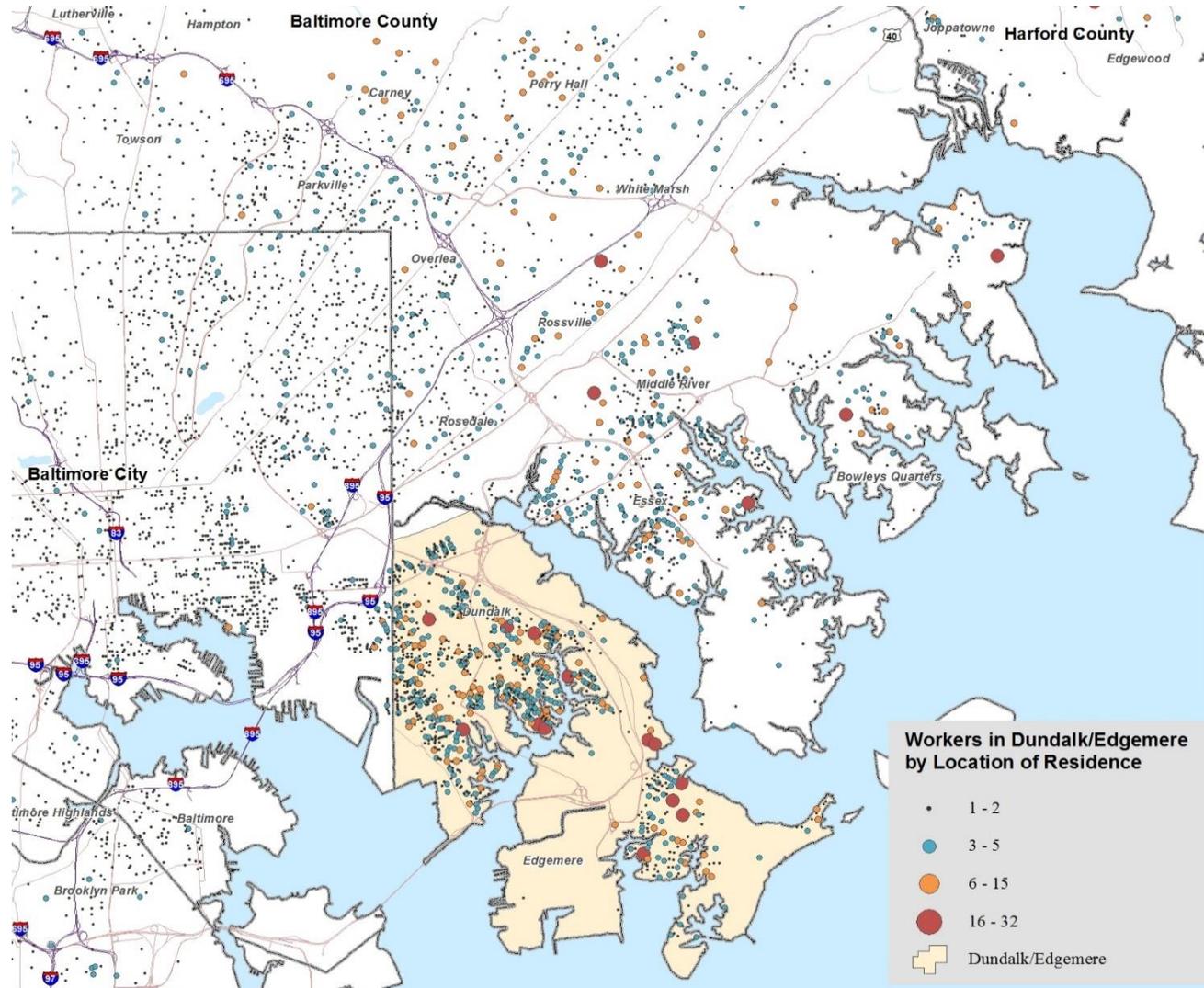
Age of Worker



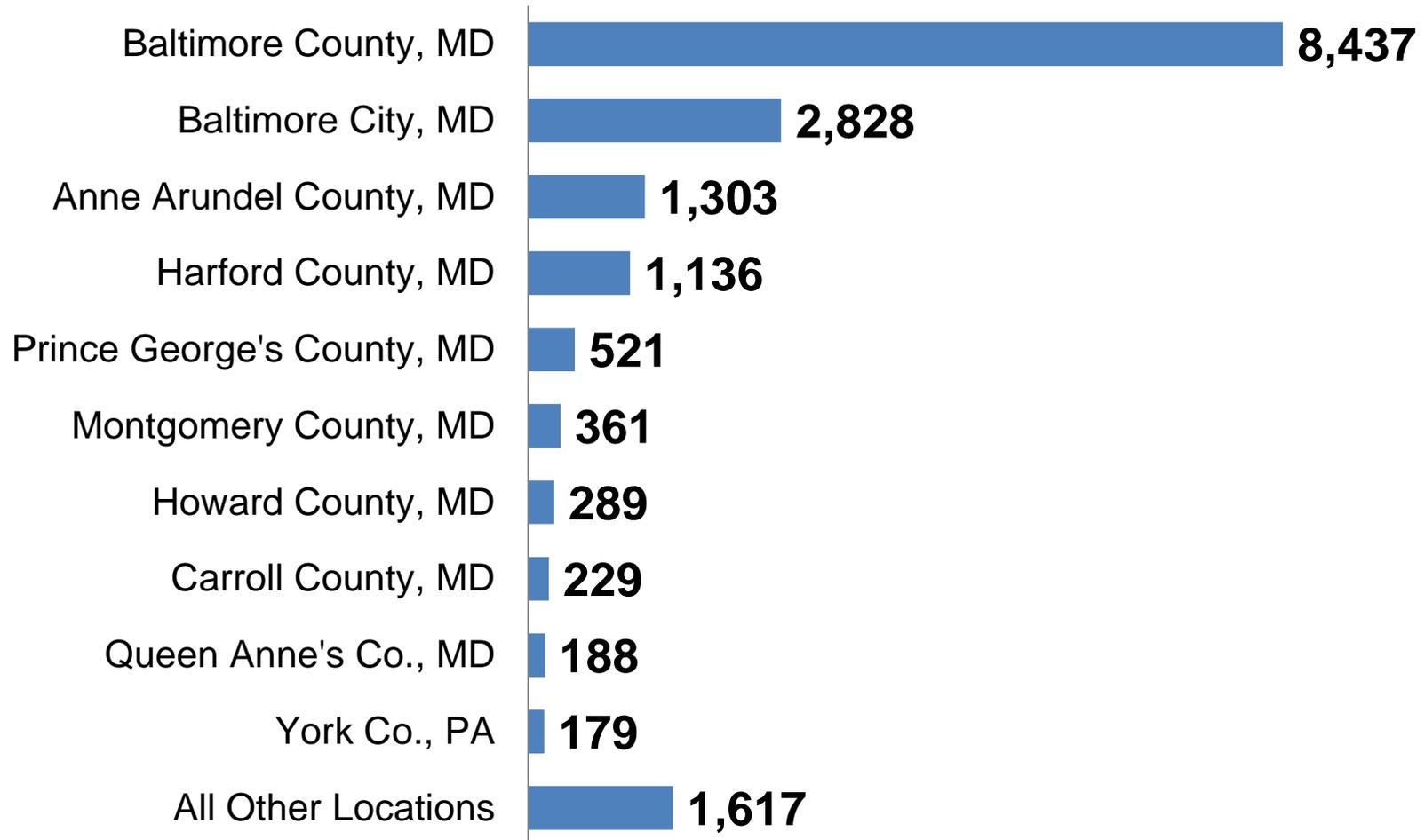
Worker characteristics



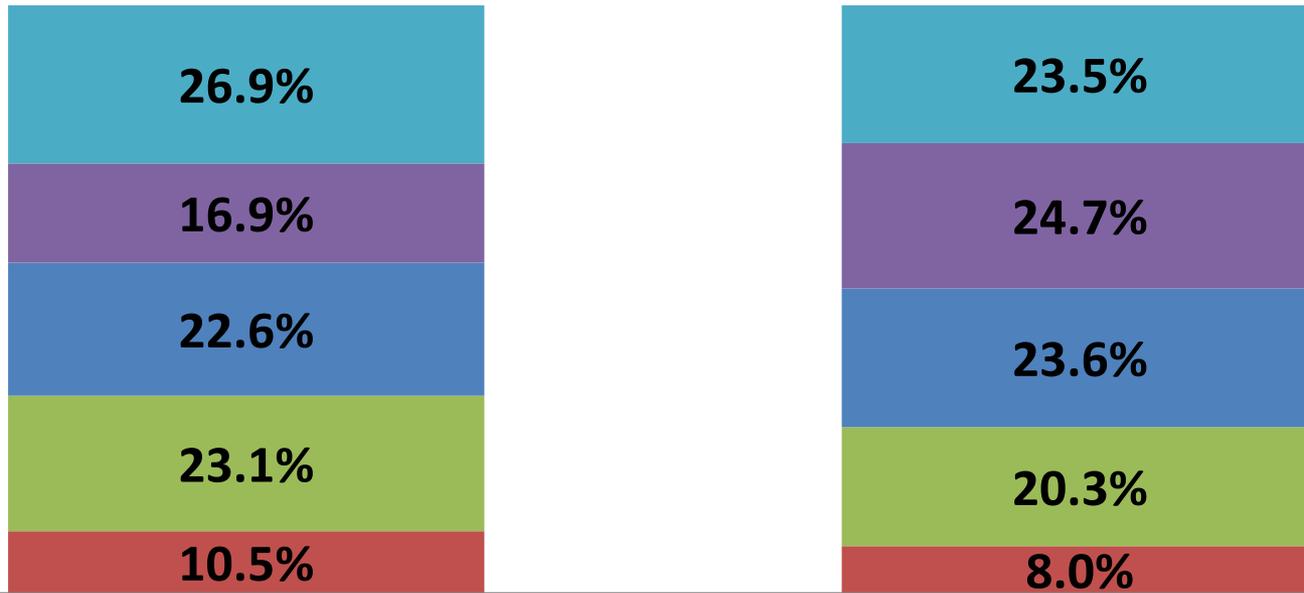
- Each dot represents a Census block
- Size/color reflect number of Dundalk/Edgemere workers residing there



Where Workers Commute From who Work in Dundalk/Edgemere



Worker Educational Attainment

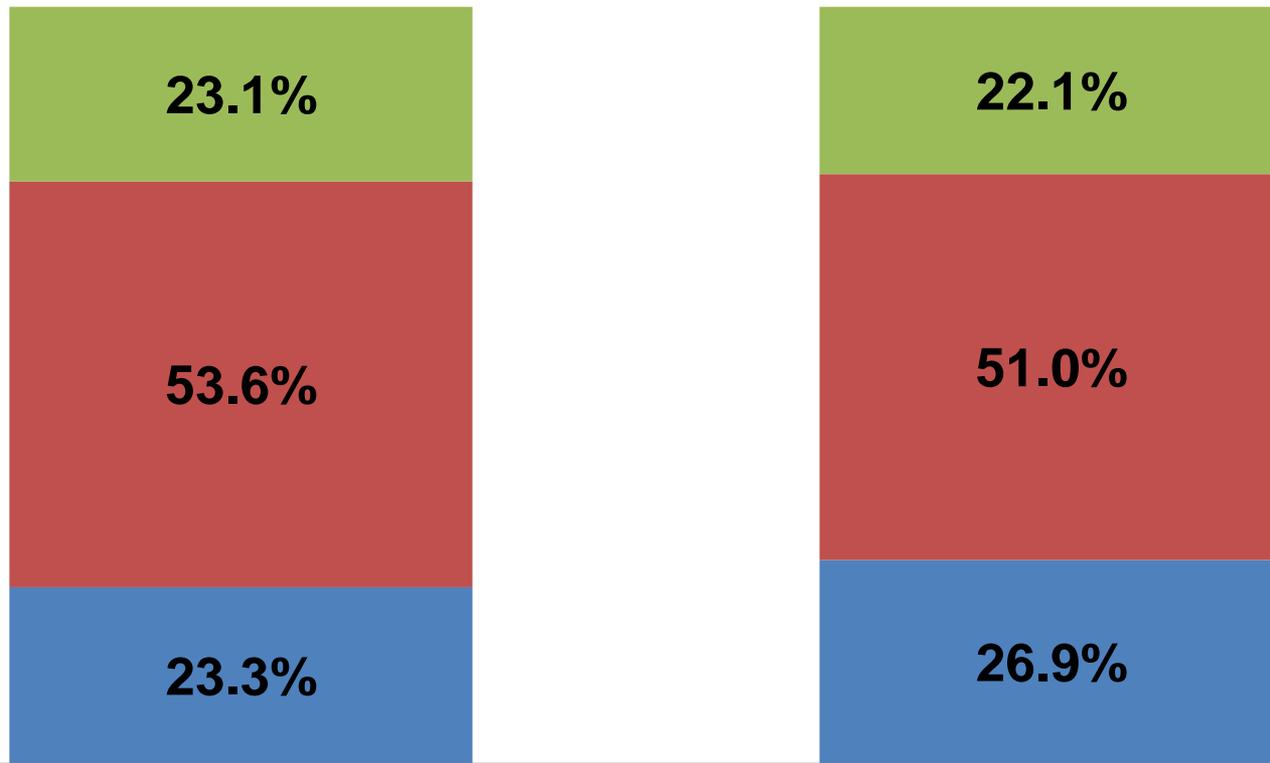


Dundalk/Edgemere

Baltimore County

- Educational attainment not available (workers aged 29 or younger)
- Bachelor's degree or advanced degree
- Some college or Associate degree
- High school or equivalent, no college
- Less than high school

Age of Worker



Work in Baltimore County

Work in Dundalk/Edgemere

- Workers age 29 or younger
- Workers age 30 to 54
- Workers age 55 or older

SOURCE DATA

- LEHD Origin-Destination Employment Statistics (LODES) data
- Downloaded from OnTheMap tool by selecting Dundalk/Edgemere area:
<https://onthemap.ces.census.gov/>
- Worker data includes:
 - Employment & residence locations
 - Age, earnings, industry distributions, race/ethnicity, educational attainment, & sex distributions

THANK YOU

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